

ABSTRACT

METHOD INVOLVING FRICTION PLUG WELDING A FLANGE

A method is provided that involves a component including a first fastener aperture that extends through the component. During the method, the component is machined to enlarge the first fastener aperture to provide an enlarged aperture. The component is friction plug welded to plug the enlarged aperture with friction plug welded material. A second fastener aperture is machined in the friction plug welded material, where the second fastener aperture extends through the component.

[Figure 4]